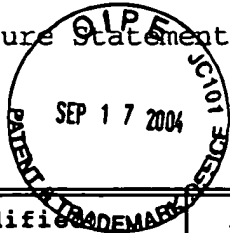


Information Disclosure Statement  
 USSN 10/627,405  
 September 14, 2004  
 Page 4



Form PTO-1449 (Modified) Page 1 of 3	ATTY DOCKET NO. B-5025NP 620801-2	U.S. SERIAL NO. 10/627,405
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS André DeHon, et al.	
	FILING DATE July 24, 2003	GROUP 2817

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
SWC	10/853,907		DeHon et al.			5/25/2004
SWC	10/856,115		DeHon et al.			5/28/2004
SWC	10/925,863		DeHon et al.			8/24/2004
SWC	6,128,214	10/2000	Kuekes et al.	364	151	
SWC	<del>6,256,767 B1</del>	<del>7/2001</del>	<del>Kuekes et al.</del>	<del>716</del>	<del>9</del>	
SWC	6,314,019 B1	11/2001	Kuekes et al.	365	151	
SWC	2002/0175390 A1	11/2002	Goldstein et al.	257	481	
SWC	2003/0089899 A1	5/2003	Lieber et al.	257	9	
SWC	2003/0200521 A1	10/2003	DeHon et al.	716	16	
SWC	2003/0206436 A1	11/2003	Eaton, Jr et al.	365	177	
SWC	2004/0113139 A1	6/2004	DeHon et al.	257	9	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	ISSUE DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
SWC	03/063208 A2	7/2003	WO			
SWC	2004/061859 A2	7/2003	WO			
SWC	2004/034467 A2	7/2003	WO			

EXAMINER	DATE CONSIDERED
CRANE	12/2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement  
 USSN 10/627,405  
 September 14, 2004  
 Page 5

Form PTO-1449 (Modified) Page 2 of 3	ATTY DOCKET NO. B-5025NP 620801-2	U.S. SERIAL NO. 10/627,405
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS André DeHon, et al.	
	FILING DATE July 24, 2003	GROUP 2817

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SW	Albrecht, O., et al., "Construction and Use of LB Deposition Machines for Pilot Production," <i>Thin Solid Films</i> , Vol. 284-285, PP. 152-156 (September 15, 1996).
	Björk, M.T., et al., "One-Dimensional Steeplechase for Electrons Realized," <i>Nano Letters</i> , Vol. 2, No. 2, pp. 87-89 (2002).
	Brown, C.L., et al., "Introduction of [2]Catenanes Into Langmuir Films and Langmuir-Blodgett Multilayers. A Possible Strategy for Molecular Information Storage Materials," <i>Langmuir</i> , Vol. 16, No. 4, pp. 1924-1930 (2000).
	Chen, Y., et al., "Nanoscale Molecular-Switch Crossbar Circuits," <i>Institute of Physics Publishing, Nanotechnology</i> 14, pp. 462-468 (2003).
	Chen, Y., et al., "Self-Assembled Growth of Epitaxial Erbium Disilicide Nanowires on Silicon (001)," <i>Applied Physics Letters</i> , Vol. 76, No. 2, pp. 4004-4006 (June 26, 2000).
	Chou, S.Y., "Sub-10 nm Imprint Lithography and Applications," <i>J. Vac. Sci. Technol. B</i> , Vol. 15, No. 6, pp. 2897-2904 (Nov/Dec 1997).
	Collier, C.P., et al., "A [2]Catenane-Based Solid State Electronically Reconfigurable Switch," <i>Science</i> , Vol. 289, pp. 1172-1175 (August 18, 2000).
	Collier, C.P., et al., "Electronically Configurable Molecular-Based Logic Gates," <i>Science</i> , Vol. 285, pp. 391-394 (July 16, 1999).
	Cui, Y., et al., "Diameter-Controlled Synthesis of Single-Crystal Silicon Nanowires," <i>Applied Physics Letters</i> , Vol. 78, No. 15, pp. 2214-2216 (April 9, 2001).
	Cui, Y., et al., "Doping and Electrical Transport in Silicon Nanowires," <i>The Journal of Physical Chemistry</i> , Vol. 104, No. 22, pp. 5213-5216 (June 8, 2000).
	Cui, Y., et al., "Functional Nanoscale Electronic Devices Assembled Using Silicon Nanowire Building Blocks," <i>Science</i> , Vol. 291, pp. 851-853 (February 2, 2001).
	Dekker, C., "Carbon Nanotubes As Molecular Quantum Wires," <i>Physics Today</i> , pp. 22-28 (May 1999).
SWL	Derycke, V., et al., "Carbon Nanotube Inter- and Intramolecular Logic Gates," <i>Nano Letters</i> , Vol. 1, No. 9, pp. 453-456 (September 2001).

EXAMINER	DATE CONSIDERED
CRANE	12/2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement

USSN 10/627,405

September 14, 2004

Page 6

Form PTO-1449 (Modified) Page 3 of 3	ATTY DOCKET NO. B-5025NP 620801-2	U.S. SERIAL NO. 10/627,405
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS André DeHon, et al.	
	FILING DATE July 24, 2003	GROUP 2817

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SWC	Goldstein, S.C., et al., "NanoFabrics: Spatial Computing Using Molecular Electronics," Proc. Of The 28th Annual International Symposium on Computer Architecture," pp. 1-12 (June 2001).
(	Gudiksen, M.S., et al., "Growth of Nanowire Superlattice Structures for Nanoscale Photonics and Electronics," Nature, Vol. 415, pp. 617-620 (February 7, 2002).
(	Huang, Y., et al., "Directed Assembly of One-Dimensional Nanostructures Into Functional Networks," Science, Vol. 291, pp. 630-633 (January 26, 2001).
(	Huang, Y., et al., "Logic Gates and Computation From Assembled Nanowire Building Blocks," Science, Vol. 294, pp. 1313-1317 (November 9, 2001).
(	Lauhon, L.J., et al., "Epitaxial Core-Shell and Core-Multishell Nanowire Heterostructures," Nature, Vol. 420, pp. 57-61 (November 7, 2002).
(	Lieber, C.M., "Nanowire Superlattices," Nano Letters, Vol. 2, No. 2, pp. 81-82 (February 2002).
(	Morales, A.M., et al., "A Laser Ablation Method for the Sythesis of Crystalline Semiconductor Nanowires," Science, Vol. 279, pp. 208-211 (January 9, 1998).
(	Tans, S.J., et al., "Room-Temperature Transistor Based On A Single Carbon Nanotube," Nature, Vol. 393, pp. 49-52 (May 7, 1998).
(	Ulman, A., "Part Two: Langmuir-Blodgett Films," An Introduction to Ultrathin Organic Films, Section 2.1, pp. 101-132 (1991).
(	Whang, D., et al., "Nanolithography Using Hierarchically Assembled Nanowire Masks," Nano Letters, Vol. 3, No. 7, pp. 951-954 (2003).
SWC	Wu, Y., et al., "Block-by-Block Growth of Single-Crystalline Si/SiGe Superlattice Nanowires," Nano Letters, Vol. 2, No. 2, pp. 83-86 (2002).

EXAMINER	DATE CONSIDERED
CRANE	12/2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.